

Mile High Flyer

EAA MILE HIGH CHAPTER 43

Founded 1957

MARCH 1999

Volume 22 Issue 3



FROM THE LEFT SEAT:
George Hayes

MARCH MEETING:

Sat. the 13th, 7:00PM, Mad Eagle Aero.
Program will be by **Mary Ann & Otto Senst** on their **Bullet Replica** being built from photos and engineering drawings. **Jim Salmon, a Boeing Aero Engineer** who has been assisting will also be present. Plan on a **fastinating evening!**

FEBRUARY MEETING MINUTES:

THE meeting was called to order at 7:11PM by President **Geo. Treasurer** and Long EZ driver **Bob Wilson** reported a balance of \$26987.95 in the chapter checkbook.

Guests included potential EAA Air Academy candidates **Chris Goodhue** and **Jan Hensen**. A discussion on whether to sponsor two students to the Academy ensued. The membership was posed with the question of whether to sponsor two with tuition only or one with tuition and transportation. A motion was made and carried to send two candidates utilizing chapter 50/50 fund raisers to cover the expenses.

Other guests included **Tom McGovern** (C-182 and Young Eagle Flyer), newly joined members **Jim and Ray Casperson**, **Joe Graham** (building a Long EZ), **Greg Hall**, a 660 member building a Fisher Horizon, **Jerry Laughlin** (Turbo Arrow), **Carl Harris** (RV-4), and **Dan Murry** (Travelaire 4000). Also honoring us with his presence was **Rich Clements**, President of Chapter 301. Welcome!

The Chapter membership recognized **Bob Lee** for his tireless devotion and hard work with the Young Eagles program.

Progress reports: **George Hayes** has fired up the engine on his Piet. and has begun taxi testing, and will probably be airborne soon if the wind ever lets up.

T-18 afficianado **John Evens** noted that there will be a T-18 Fly-in at Canon City CO.

Mick Charles invited all to a going away party for **John Heard** Feb. 21 at the Montgomery's. Also, the Erie Town Fair will be held May 15th.

George Meshko put out a call for more chairs for our meetings. If you have any you can donate, please bring them to the next meeting.

Thanks to **Gene Horsman** for bring his almost completed Luscombe restoration to the meeting for all to fondle! Gene noted

that this aircraft has some historical significance in that it had served in the CAP in Colorado and Nebraska during WWII.

The FAA has released it's latest version of the **AC43.13-1 Aircraft Maintainence Inspection and Repair manual**. They are available from Barnes and Noble Bookstores along with **The Aeronautical Information Manual**. (Please note the FAA's attempt at political correctness. Used to be "Airmen's".) It may also be obtained at the Colorado Aero Tech Bookstore.

Safety Report - Ron Denight: Ron reported that the John Denver family's lawyer wants to sue anyone and everyone who had anything to do with his ill-fated Long EZ, including the Imperial Valve Co., which made the fuel valve installed in said A/C. Ron also advised everyone with a need to "hand prop" an aircraft engine to learn how to do it properly. There are many Chapter members experienced with this means of engine starting who can instruct...just ask.

Steve Beach noted that the operating limitations spell out the regs. for who can perform the annually required Experiental Aircraft "Condition Inspection" (the Aircraft Builder who has obtained a Repairman's Certificate, a certificated Airframe and Powerplant Mechanic, or IA.)

A motion was made and passed to allow the Board of Directors to set the criteria to honor an individual each year with the Chapter Lifetime Memebership Award. The Board will pursue this endeavor at it's next meeting.

There will be a **Snow Buster's Fly-In Pancake Breakfast** on March 21st. at the Greeley Weld County Airport sponsored by EAA Chapter 720.

STEVE'S CORNER

AIR CAMP 1999:

At the last meeting the decision was made to try to send to young people to the Air Academy next summer. At this time we have two very good candidates and the chapter is open to anyone that would like to apply. The decision on whom will get the nod to go needs to be made in March. Contact Blue Grassfield if you have someone that should be applying for the camp.

The membership also discussed the matter of getting the campers to and from Oshkosh. A number of ideas were brought up including flying them out in members aircraft, flying them commercially, and the possibility of getting flight passes from the major airlines (United, Frontier etc.). The other possibility depends on the timing of the camps. If the camp dates work out on either side of AirVenture '99 any of the members who are driving (or flying) could take them out or pick them up if they have an extra seat not being used. We should the exact dates by March and if you offer a seat please contact Blue or any of the officers or directors.

This is a very worthwhile venture that chapter 43 can be proud to be a part of.

TECH COUNSELOR:

Chapter 43 is happy to announce that we have a new tech counselor in our midst. Art Schwarz joined 43 in January and last month we discovered that he was a tech counselor for an EAA chapter in Texas before moving to Colorado. His background is with metal aircraft and in particular RV's.

He worked in Nigeria for 2 years on the Airbeetle project. Some of you may be familiar with the project where they built 60 RV-6A's for the Nigerian Air Force. Art was an Avionics Supervisor and most builders can always use advice on their avionics packages.

He has also built his own RV-6A and hangers at Tri-County. Art should fit in very nicely with chapter 43. At last count there were ten RV's in various stages of construction and another half dozen flying. A big welcome to Art, and thanks for volunteering.

ROCKY MOUNTAIN AIR FAIR:

As mentioned in the February Mile High Flyer the 1999 Rocky Mountain Air Fair at the Wings Over the Rockies Air & Space Museum will be held on March 13 & 14. Chapter 43 had six people sign up to help out. This is in addition to Marvin Wahl doing English Wheel

demonstrations and Bill Mitchell doing a 'First Flight In An Experimental' seminar.

Marv's demonstrations will be running throughout both days of the Air Fair. Bill's seminar will begin at 10:15am in Room 107 on both Sat & Sun. He plans to cover both first flight information as well as the EAA Flight Advisor Program.

If you would like to volunteer for the booth, stop by anytime on Sat or Sun to help out and enjoy the fair. Keep in mind that the admission and parking are free, so tell your friends, neighbors and work associates. If you need to renew your EAA membership this might be a good time to do it. Last year headquarters was offering some perks if you renewed your membership at the Air Fair. They will again have a booth and may be offering extra perks again.

For more info on the Air Fair go to:
www.rmairfair.org

ROCKY MOUNTAIN REGIONAL:

The planning for the 21st Rocky Mountain Regional EAA Fly-In is in full swing. This year's event is taking on a little different profile from years past. Saturday will be the EAA feature day including aircraft judging, seminars, safety talks, tech counselor aircraft reviews, and the awards banquet.

Sunday will become an aviation fun day. Main events will include continuation of the aviation seminars and safety talks, along with an EAA Flying Start Program and a Young Eagles Rally. Aircraft contests (i.e.: Spot Landings, Poker Run, etc.) are also being talked about as possible activities for Sunday.

We need to nail down which activities all of the volunteers are interested in helping out with. The board would like to see more advanced planning and training this year with the volunteers. There should be a sign-up sheet at the March meeting with a list of the areas that will need help.

There will also be a couple of airport parties this spring to help get Longmont ready for the fly-in. Additional parking areas have to be prepared and a new cable tie-down system is being installed on the grass area east of the ramp. If you can help out with any of the work parties please call Gene Horsman (303-279-5782) or Steve Beach (303-469-7661) to get the dates and details on what work is planned.

The web site for the regional is being updated this month so check it out at:

www.greeleynet.com/eaaregional

Steve Beach

GENE'S CORNER

To members of Chapter 43:

Last month at the meeting (Feb. 13th), I failed to give credit where credit is due on my Luscombe aircraft project.

I would like to thank the following members for all the help given me on this long term project of getting the airplane flying again:

First off, Brad Davenport, bless him, for helping to get it started; Ron Denight, Charlie Graf, Mark Graf, and Mas Yoshida for help with the wing structure; Ron Denight for helping with some engine and airframe difficulties; Don Coleman for all his work and time, on teaching a dummy how to use the Stits process, by both showing and doing, and for his expertise with a spray gun, even when the outside temperatures didn't want to cooperate; George Hayes for helping me learn the proper procedure for rib stitching, (pardon me, rib lacing), and always showing he could do twice as much as me in the same time; Steve Beach for coming by and quickly learning how to stitch and doing a number of ribs; Wilda Davenport for new seat upholstery and Terry Edwards for overseeing the project and signing it off.

I calculated that I drove almost 5000 miles between Golden and tri-county airport during this project, which basically lasted from April, 1998 Through February 1999, that's about 96 round trips of about 52 miles each. At first it was all day time with the structure portion and than was mostly on weekday nights and some Saturday and Sunday afternoons when we got into the covering mode. Of course, I couldn't have done all of that without being retired.

I will be happy not to have to go through all that again. Thanks again, everybody, I appreciate it!

FOR SALE:

N3 PUP ULTRALIGHT - 'Cub Look Alike' - This one is flying! Mosler 2cylinder 4cycle engine 37 HP. \$10,500 Call Gene Milligan 303-466-0831

NEW LYCOMING O-320 ENGINE PARTS:

Superior pistons, 8.5:1 compression ratio, 4 ea. for \$120, Superior compression ring set for steel cylinders, \$100. Superior iron ring set for chrome cylinders, \$150. Dave Bieseemeier, 303-384-3760.

EVENTS:

CHAPTER 43 MEETINGS:

March:	Mary Ann and Otto Sens - Bullet replica.
April:	Project visit
May:	Annual Picnic & Auction – Tri-County Air port
June:	Project Visit & ?BBQ? - Tom Young's
Phoenix	
July:	Tri-County Open Hanger Night & Oshkosh Primer
August:	Project Visit & Oshkosh Review
September:	Engine Building
October:	Special Guest – Still being scheduled
November:	Ron Denight – Air Racer
December:	Open – Any Suggestions

OTHER REGIONAL EVENTS:

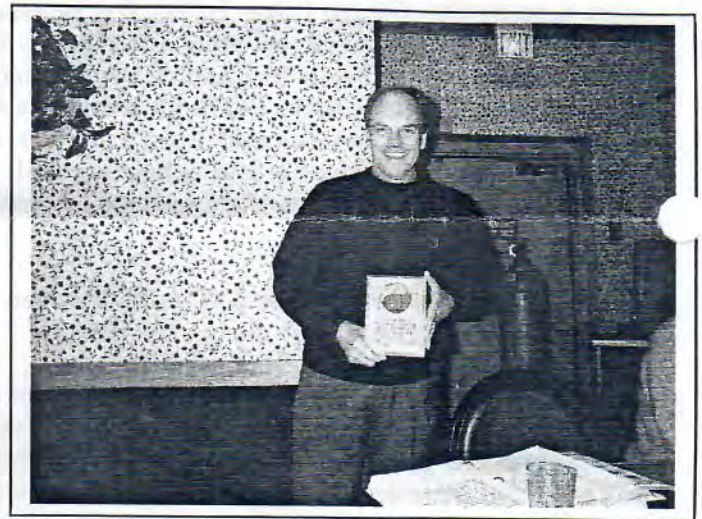
March 13 th & 14 th	Rocky Mountain Air Fair – Wings Over the Rockies Air & Space Museum
May 8 th	Centennial Airport Open House
June 3 rd	Big Band Hanger Party – Jeffco – Details: Bruce Erley 303-469-7500
June 4 th & 5 th	1999 Air Show Colorado – Jeffco – No major jet team but plenty of aerobatic talent
June 26 th & 27 th	Rocky Mountain Regional EAA Fly-In – Longmont
July 28 th – Aug 3 rd	1999 AirVenture – Oshkosh

BATTERIES PLUS:

Pat Claar writes that his ICOM A20 radio's rechargeable battery will no longer hold a charge. The replacement battery pack is over \$100, and a replacement alkaline battery pack is \$45 (plus the AA batteries.) "I was told by Mas Yoshida about a Batteries Plus store that specializes in any type of battery, and custom battery work.

They are going to replace the battery in my ICOM for \$40. I would suggest that for any battery issues that might come your way, look up Batteries Plus in the Yellow Pages (or blue Business Section). They have three locations, all in the south metro area. The one I am using is just north of Southwest Plaza Mall."

Annual Banquet – January, 1999



CAFE 43: PAT CLAAR

February's trip to Scottsbluff was a great flight for those who attended. The flight over some enroute clouds was beautiful, and opened up completely into the Scottsbluff area. Three planes with five people enjoyed a nice lunch at the terminal. For March the destination will be the lovely and always aromatic Greeley for breakfast. This will occur on Saturday the 20th, and the time is open, but the earlier the better.

PAT CLAAR'S ELECTRONIC IGNITION:

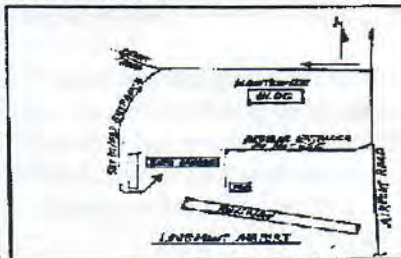
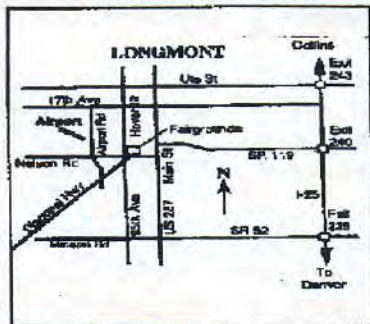
Steve Beach asked that I include a short note for the news letter about my present installation of an electronic ignition so here goes: After the annual inspection of my RV6 I decided to upgrade my ignition system and go electronic. I had always wanted to install an electronic ignition, and questions had always been: which system? Do I wait until I have a mag problem? Is it worth it? I knew a few people who had installed systems and had never heard any regrets, so the time was right. I had spent some time at Oshkosh talking to Jeff Rose, and ordered his system, ElectroAir. (\$800) The left mag now operates the top plugs, and the electronic sends 65,000 volts to the Autolite plugs (\$1.98 each) in the bottom of each cylinder. The first impression was the noticed smoothness. Next, during run-up, the 100-200RPM drop when the mag was turned off, and then the ever important fuel economy is still under research, but preliminary results are very good. I have experienced a drop from around 8 gal/hr to 6 gal/hr, all on combinations of relative short hops, and I'm looking forward to a long cross country to really check it out. My high altitude check of where the advance was at 9500ftMSL, and 16in of MP showed 41 degrees of advance. The higher the cruise altitude the better economy is what Jeff Rose tells me is the real advantage of the electronic ignition. More research is needed, and I'm always looking for an excuse to fly (just ask my wife).

You're Invited! to the AAA of CO Spring Fly-Market*

 * When: March 27, 1999 *
 * Bring your stuff- after 8 a.m. *
 * Start Shopping after 10 a.m. *
 * Where: Leyner's Hangar *
 * Vance Brand Airport *
 * Longmont, CO *

Your Aeronautical Trash is
Someone's Aeronautical Treasure!

Treasure
Trinkets
Trash
Trades



HOW TO GET THERE!!

*Fly-Market- No Charge consignment sales of aviation related hardware.
That's Right FREE!

Sponsored by the Antique Airplane Association of Colorado

Look For The Regular Fly Market

At The Rocky Mountain EAA Regional Fly-In the Last Weekend of June

EAA MILE HIGH CHAPTER 43

CHAPTER OFFICERS:

President - George Hayes.....303-772-7040
 Vice President - Roger Standard.....303-857-4821
 Vice President - Gene Milligan.....303-466-0831
 Secretary - Dave Bieseemeier.....303-384-3760
 Treasurer - Bob Wilson.....303-682-1857

VOLUNTEER OFFICERS:

Technical Counselor - Ron Denight.....303-452-0458
 Technical Counselor - Marvin Wahl.....303-395-9934
 Flight Advisor - Bill Mitchell.....303-427-4025
 Flight Advisor - Tom Young.....303-833-4091
 Newsletter Editor - Dave Bieseemeier.....303-384-3760
 Young Eagles Coordinator - Bob Lee.....303-456-1268
 Membership Data Base Editor - Gene Milligan.....303-466-0831

This newsletter is published by Chapter 43 of the Experimental Aircraft Association for the use, education, and enjoyment of the members and others to whom it is provided. No claim is made for technical accuracy of material presented. Editorial content is the opinion of the contributor and does not reflect the position of Chapter 43 or the Experimental Aircraft Association.

Submission of articles, comments, or inquiries for publication in the newsletter are encouraged.

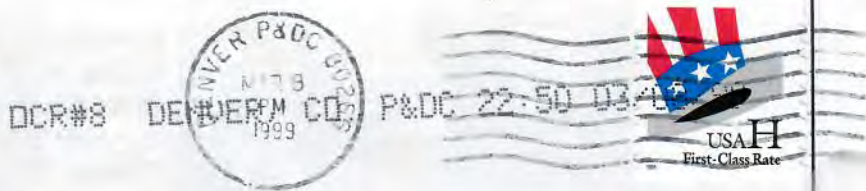
Meetings are normally held on the second Saturday of each month at 7:00 P.M. The place is determined each month.

Disclaimer: Be aware that as always, in past, present, and future, any communications issued by Experimental Aircraft Association Chapter 43, regardless of format, and/or media used, which includes, but is not limited to, this newsletter and audio/visual recordings, is presented only in the context of a clearing house of ideas, opinion, and personal experience accounts. Anyone using ideas, opinions, information, etc., does so at their own risk. Therefore, no liability is expressed or implied by the Experimental Aircraft Association Chapter 43, or any of its members. Any event announced and/or listed herein, except as noted, is done as a matter of information and does not constitute approval, sponsorship, control, or endorsement of said event.

MILE HIGH FLYER

EAA MILE HIGH CHAPTER 43

David Bieseemeier, editor
 430 Antero Street
 Golden CO 80401



FIRST CLASS



Eugene Horsman
 210 Lookout View Ct.
 Golden, CO 80401-2518



THIS MONTH'S MEETING:

Will be: MARCH 13TH, 1999 at 7:00PM. See inside for details..

